

ANNOUNCING A  
CALIFORNIA ACADEMY OF SCIENCES  
1972 Charter Flight

September 9, 1972—San Francisco to Rome  
October 5, 1972 — Rome to San Francisco  
with optional passenger pick-ups at Frank-  
furt and London.

The price: \$289.00 round trip.  
The Academy has chartered a TWA Boeing  
707 aircraft for a member's charter flight to  
Rome and return. All passengers must have  
been Academy members no later than March  
7, 1972. The flight will be direct to Rome  
but on the return passengers may board at  
Rome, Frankfurt or London.

ALSO

A safari to Kenya, Tanzania and Uganda has  
been arranged in connection with the above.  
Two groups limited to 20 persons each will  
see the best of East Africa under the leader-  
ship of Academy scientists. The price of this  
tour and in addition to the \$289.00 charter  
is \$1,891.00.

ALSO

A Mediterranean tour and cruise starting at  
Rome and including the Dalmatian Riviera,  
Greece and its enchanting isles, a bit of  
Asia Minor, Vienna, and then meeting the  
plane in Frankfurt will cost, in addition to  
the \$289.00 charter, \$1,508.00.

This charter flight and related trips are for  
Academy members only and reservations are  
accepted on a first-come basis. Space being  
limited for both the charter flight and the  
tours, early reservations are essential. De-  
tails of the above tours will be mailed on  
request to members who have reserved their  
seats on the charter flight.  
For further information regarding our Rome  
flight and related tours, please contact Bryan  
International Travel, Inc., 57 Post Street, San  
Francisco, CA 94104 (Phone 986-0697).  
Services and reservations not related to the  
above tours but in connection with our char-  
ter flight will also be furnished by Bryan  
International Travel, Inc.

JANUARY

at the

CALIFORNIA ACADEMY OF SCIENCES

JANUARY MEETINGS  
(for Members and Their Guests)

DATES & TIMES: Matinee, 2:30 p.m., Wednesday,  
January 12  
Evenings, 8:00 p.m., Wednesday  
and Thursday, January 12-13  
PLACE: May Treat Morrison Auditorium  
SPEAKER: David Cavagnaro  
SUBJECT: "RANGE OF LIGHT: The Sierra  
Nevadas"

When Mr. Cavagnaro appeared before the mem-  
bership in June of last year, the response — to put  
it mildly — was heart-warming. It is a pleasure to  
welcome him and his first-rate photographs back to  
our auditorium. His title, "Range of Light" is a  
phrase from John Muir applying to the Sierra  
Nevadas and they are the purview of this trip, be-  
ginning in the foothills in the spring, up the slope  
to the crest until fall, and down again as the first  
snows arrive. Here, in color, is a sampling of the  
natural history of the range and the high country:  
belding ground squirrels, insects at dawn, timberline  
junipers and white-bark pines, alpine cushion plants  
in the "high deserts," high altitude wingless crane  
flies, not to mention ice formations, autumn colors,  
Yosemite at flood time, and lots of flowers and lots  
and lots of water. The places involved particularly  
are Yosemite (high and low), Minaret Wilderness,  
Humphrey Basin, Carson Pass and Evolution Coun-  
try.

Currently Resident Biologist of Audubon Canyon  
Ranch, Mr. Cavagnaro is the author of "Living  
Water" (photos by Ernest Braun) with a new book  
scheduled for publication in the fall, "The Living  
Web."

Three meetings as indicated and your membership  
card is your admission. For the matinee perform-  
ance on Wednesday, present it to the door attendant  
at the entrance to *Cowell Hall* only. You will be  
asked to show it again at the entrance to the audi-  
torium. For the evening meetings, arrangements are  
as they have been in the past: ingress at the main  
entrance, Cowell Hall, and the rear Planetarium  
entrance off Middle Drive.

MORRISON PLANETARIUM

"WATCHERS OF THE SKIES" opens January  
6 and will play through February 27, the story of  
ten perceptive men who looked heavenward over the  
centuries and changed the course of man's thinking.  
Performances daily at 2:00 with evening shows,  
Wednesday through Sunday, at 8:00. Extra matinees  
at 3:30 on Saturdays, Sundays and holidays. Closed  
Monday and Tuesday nights.

Admission: Adults, 18 years and over, \$1.00.  
Half price for anyone 17 and under. This is a slight  
change in policy.

SPECIAL EXHIBITS

"THE PYGMY FOREST," color photographs by  
John Olmsted of the dwarf trees located on Jug-  
handle Creek, Mendocino coast. Lower Gallery,  
Cowell Hall. Continues through February 20.

"THE PARK ENVIRONMENT — A PHOTOG-  
RAPHER'S VIEW." Thirty-seven photographs by  
M. Woodbridge Williams presented through the  
courtesy of the National Park Service. In black-and-  
white and color. On exhibit adjacent to the Hohfeld  
Hall of Space Science through March 1.

"GALAPAGOS," devoted to the "enchanted  
isles" of Ecuador continues in Cowell Hall indefi-  
nitely.

NEWS and NOTES . . . . .

HERE'S AN INVITATION to get rid of  
the January doldrums by enrolling in one of the  
astronomy courses being offered by the staff of Mor-  
rison Planetarium:

CELESTIAL NAVIGATION. 16-week course be-  
ginning January 25 and extending through May 9.  
7:30 to 9:30 p.m. Enrollment is \$40.00 plus about  
\$15.00 for required supplies. Academy members  
are entitled to a 10% reduction. You'll learn the  
principles of celestial navigation, how to fix a posi-  
tion on the high seas by using stars, planets, sun  
and moon, as well as the use of charts and how to  
plot. Instructors in these highly successful courses  
are Captain David W. Todd, Jr., U.S.N. (Ret.) and  
Lieutenant Commander Frank Matthews, U.S.N.  
(Ret.). Class is limited to 100 students and you  
can pre-register now. After registration on the 25th,  
the class will split in two with one meeting Monday  
nights and the other on Tuesday.

ASTRONOMY FOR FUN (AND FAMILY). 12-  
week course held on Tuesdays also beginning Janu-  
ary 25. Two hour sessions, 7:30-9:30 p.m. Tuition  
is \$25.00 and about \$2.50 for needed supplies. Mem-

bers also have a 10% reduction. This course is for  
beginners who literally want to know "what's up?"  
and take pleasure in finding the answer — a simple,  
basic course. The instructor is Mr. Don Warren,  
Assistant Planetarium Supervisor.

For further information and/or early registration,  
please telephone the Planetarium office at 221-5100,  
Extension 71.

IT IS A PLEASURE to call your  
attention to the publication of two new natural  
history books authored by members of the Academy  
staff. In the Chanticleer Press Editions for Double-  
day of the *Animal Life of North America Series*,  
Dr. Robert T. Orr, Associate Director, has con-  
tributed the "Mammals of North America," and Dr.  
Alan E. Leviton, Chairman and Curator of the De-  
partment of Herpetology, the "Reptiles and Amphib-  
ians of North America." Both books are handsomely  
presented with a host of fine illustrations in both  
color and black-and-white. They are available at  
Academy sales desks. Forthcoming in the same  
series: "Fishes of North America" by Dr. Earl S.  
Herald, Associate Director for Steinhart Aquarium.

Of the six books in this special series, it is note-  
worthy that three are the products of Academy staff.  
Congratulations all around!

RECENT SCIENTIFIC PUBLICATIONS  
OF THE  
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OCCASIONAL PAPERS

"The Harvestmen of Family Triaenonychidae in North  
America." Thomas S. Briggs. No. 90. November 12,  
1971 ..... 50c

PROCEEDINGS

"East Asiatic and Oriental Species of *Stenus* Represented  
in the collection of the California Academy of Sciences  
(Coleoptera: Staphylinidae)." Volker Puthz. Vol. XXXVII,  
No. 20. November 23, 1971 ..... 25c  
"The Terebridae (Gastropoda) of Clarion, Socorro, Cocos,  
and Galapagos Islands." Twila Bratcher and R. D. Burch.  
Vol. XXXVII, No. 21. November 23, 1971 ..... \$100  
"The Carboniferous Genus *Glyptochiton* De Koninck, 1883,  
(Mollusca: Polyplacophora)." Allyn G. Smith. Vol. XXXVII,  
No. 22. November 23, 1971 ..... 25c  
"Marginellidae (Mollusca: Neogastropoda) from the  
Galapagos Islands and Cocos Islands." Barry Roth and  
Eugene V. Coan. Vol. XXXVII, No. 23. November 23,  
1971 ..... 50c



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*The beginning of 1972 is a fine time to say thank you to many, many people: to our members — old and new — who continue to enthusiastically support and espouse our causes; to those of the business community whose annual benefactions make Academy life much more tenable; to those many persons who add handsomely to our burgeoning collections; to the volunteer corps of docents who share and share again with the school system; and to all members of the various media who rally 'round to inform the populace of our many and varied activities.*

*To all, a burst of applause and a firm shake of the hand. It just wouldn't be possible without you!*

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